

Appl. No. 09/779,791

AMENDMENTS TO THE CLAIMS

In the claims, please amend claim 1 as follows:

1. (currently amended) A compound for delivering a molecule from outside a mammalian cell to inside said mammalian cell comprising: said molecule covalently linked to a transduction signal via an activated disulfide bond that is cleaved more rapidly than oxidized glutathione wherein said transduction signal transports said molecule across a membrane of said cell, ~~and cleavage of wherein said disulfide bond is cleaved in said cell and wherein said molecule remains in said cell after two hours, eliminates subsequent transport of said molecule across said membrane by the transduction signal.~~
2. (previously presented) The compound of claim 1 wherein the transduction signal consists of a peptide with sequence substantially identical to SEQ ID 1.
3. (original) The compound of claim 1 wherein the transduction signal consists of VP22.
4. (original) The compound of claim 1 wherein the transduction signal consists of ANTP.
5. (original) The compound of claim 1 wherein the transduction signal consists of a polymer containing a cationic charge.
6. (previously presented) The compound of claim 5 wherein the transduction signal consists of a peptide containing cationic residues.
- 7-12. (canceled)
13. (previously presented) The compound of claim 1 wherein said molecule is associated with a nucleic acid.